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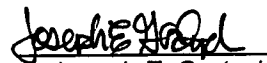
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: BERZANSKIS, Audrius  
YOUNG, Jonathan  
Assignee: MagiQ Technologies, Inc.  
U.S. App. No. 10/577,625  
Art Unit No.: 2131  
Confirmation No.: 5658  
Examiner: LAFORGIA, Christian A.  
Title: QKD with classical bit encryption  
Attorney Docket No. 053-03US1

**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

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Joseph E. Gortych

Date: May 30, 2008

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

OK TO ENTER: /CLF/

07/09/2008

**AMENDMENT AND RESPONSE TO SECOND OFFICE ACTION**

In response to the Second (Final) Office Action dated April 22, 2008, Applicants submit the following amendments and/or remarks. This Amendment and Response is being submitted within two months of the mailing date of the Second Office Action.

**Applicants respectfully request that this Reply be entered into the record as a substantive reply to the outstanding Office Action.**

**Amendments to the Claims** are reflected in the listing of claims beginning on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.